

# 13



PCT

**RAW SEQUENCE LISTING**  
 PATENT APPLICATION: US/09/743,752A

DATE: 04/03/2003  
 TIME: 14:25:11

Input Set : A:\pf0559usn\_seqlist.txt  
 Output Set: N:\CRF4\04032003\I743752A.raw

5 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.  
 6       BANDMAN, Olga  
 7       TANG, Y. Tom  
 8       CORLEY, Neil C.  
 9       AZIMZAI, Yalda  
 10      BAUGHN, Mariah R.  
 12 <120> TITLE OF INVENTION: HUMAN SCAD-RELATED MOLECULES, SCRM-1 AND SCRM-2  
 14 <130> FILE REFERENCE: PF-0559 USN  
 16 <140> CURRENT APPLICATION NUMBER: 09/743,752A  
**C--> 17 <141> CURRENT FILING DATE: 2003-02-11**  
 19 <150> PRIOR APPLICATION NUMBER: PCT/US9916164  
 20 <151> PRIOR FILING DATE: 1999-07-16  
 22 <150> PRIOR APPLICATION NUMBER: US 09/116,750  
 23 <151> PRIOR FILING DATE: 1998-07-16  
 25 <150> PRIOR APPLICATION NUMBER: US 60/160,074  
 26 <151> PRIOR FILING DATE: 1998-07-16  
 28 <160> NUMBER OF SEQ ID NOS: 6  
 30 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
 32 <210> SEQ ID NO: 1  
 33 <211> LENGTH: 278  
 34 <212> TYPE: PRT  
 35 <213> ORGANISM: HOMO SAPIENS  
 37 <220> FEATURE:  
 38 <221> NAME/KEY: misc\_feature  
 39 <223> OTHER INFORMATION: Incyte Clone No: 1240869  
 41 <400> SEQUENCE: 1  
 42 Met His Met Ala Arg Leu Leu Gly Leu Cys Ala Trp Ala Arg Lys Ser  
 43     1                   5                   10                   15  
 44 Val Arg Met Ala Ser Ser Arg Met Thr Arg Arg Asp Pro Leu Thr Asn  
 45     20                  25                  30  
 46 Lys Val Ala Leu Val Thr Ala Ser Thr Asp Gly Ile Gly Phe Ala Ile  
 47     35                  40                  45  
 48 Ala Arg Arg Leu Ala Gln Asp Arg Ala His Val Val Val Ser Ser Arg  
 49     50                  55                  60  
 50 Lys Gln Gln Asn Val Asp Gln Ala Val Ala Thr Leu Gln Gly Glu Gly  
 51     65                  70                  75                  80  
 52 Leu Ser Val Thr Gly Thr Val Cys His Val Gly Lys Ala Glu Asp Arg  
 53     85                  90                  95  
 54 Glu Arg Leu Val Ala Thr Ala Val Lys Leu His Gly Gly Ile Asp Ile  
 55     100                105                110  
 56 Leu Val Ser Asn Ala Ala Val Asn Pro Phe Phe Gly Ser Ile Met Asp  
 57     115                120                125  
 58 Val Thr Glu Glu Val Trp Asp Lys Thr Leu Asp Ile Asn Val Lys Ala

**ENTERED**

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/743,752A

DATE: 04/03/2003

TIME: 14:25:11

Input Set : A:\pf0559usn\_seqlist.txt  
Output Set: N:\CRF4\04032003\I743752A.raw

59           130           135           140  
60 Pro Ala Leu Met Thr Lys Ala Val Val Pro Glu Met Glu Lys Arg Gly  
61         145           150           155           160  
62 Gly Gly Ser Val Val Ile Val Ser Ser Ile Ala Ala Phe Ser Pro Ser  
63           165           170           175  
64 Pro Gly Phe Ser Pro Tyr Asn Val Ser Lys Thr Ala Leu Leu Gly Leu  
65         180           185           190  
66 Asn Asn Thr Leu Ala Ile Glu Leu Ala Pro Arg Asn Ile Arg Val Asn  
67         195           200           205  
68 Cys Leu Ala Pro Gly Leu Ile Lys Thr Ser Phe Ser Arg Met Leu Trp  
69         210           215           220  
70 Met Asp Lys Glu Lys Glu Glu Ser Met Lys Glu Thr Leu Arg Ile Arg  
71         225           230           235           240  
72 Arg Leu Gly Glu Pro Glu Asp Cys Ala Gly Ile Val Ser Phe Leu Cys  
73         245           250           255  
74 Ser Glu Asp Ala Ser Tyr Ile Thr Gly Glu Thr Val Val Val Gly Gly  
75         260           265           270  
76 Gly Thr Pro Ser Arg Leu  
77         275  
79 <210> SEQ ID NO: 2  
80 <211> LENGTH: 564  
81 <212> TYPE: PRT  
82 <213> ORGANISM: HOMO SAPIENS  
84 <220> FEATURE:  
85 <221> NAME/KEY: misc\_feature  
86 <223> OTHER INFORMATION: Incyte Clone No: 2060002  
88 <400> SEQUENCE: 2  
89 Met Ser Tyr Pro Ala Asp Asp Tyr Glu Ser Glu Ala Ala Tyr Asp Pro  
90     1           5           10           15  
91 Tyr Ala Tyr Pro Ser Asp Tyr Asp Met His Thr Gly Asp Pro Lys Gln  
92     20           25           30  
93 Asp Leu Ala Tyr Glu Arg Gln Tyr Glu Gln Gln Thr Tyr Gln Val Ile  
94     35           40           45  
95 Pro Glu Val Ile Lys Asn Phe Ile Gln Tyr Phe His Lys Thr Val Ser  
96     50           55           60  
97 Asp Leu Ile Asp Gln Lys Val Tyr Glu Leu Gln Ala Ser Arg Val Ser  
98     65           70           75           80  
99 Ser Asp Val Ile Asp Gln Lys Val Tyr Glu Ile Gln Asp Ile Tyr Glu  
100     85           90           95  
101 Asn Ser Trp Thr Lys Leu Thr Glu Arg Phe Phe Lys Asn Thr Pro Trp  
102     100           105           110  
103 Pro Glu Ala Glu Ala Ile Ala Pro Gln Val Gly Asn Asp Ala Val Phe  
104     115           120           125  
105 Leu Ile Leu Tyr Lys Glu Leu Tyr Tyr Arg His Ile Tyr Ala Lys Val  
106     130           135           140  
107 Ser Gly Gly Pro Ser Leu Glu Gln Arg Phe Glu Ser Tyr Tyr Asn Tyr  
108     145           150           155           160  
109 Cys Asn Leu Phe Asn Tyr Ile Leu Asn Ala Asp Gly Pro Ala Pro Leu  
110     165           170           175

Input Set : A:\pf0559usn\_seqlist.txt  
Output Set: N:\CRF4\04032003\I743752A.raw

111 Glu Leu Pro Asn Gln Trp Leu Trp Asp Ile Ile Asp Glu Phe Ile Tyr  
112 180 185 190  
113 Gln Phe Gln Ser Phe Ser Gln Tyr Arg Cys Lys Thr Ala Lys Lys Ser  
114 195 200 205  
115 Glu Glu Glu Ile Asp Phe Leu Arg Ser Asn Pro Lys Ile Trp Asn Val  
116 210 215 220  
117 His Ser Val Leu Asn Val Leu His Ser Leu Val Asp Lys Ser Asn Ile  
118 225 230 235 240  
119 Asn Arg Gln Leu Glu Val Tyr Thr Ser Gly Gly Asp Pro Glu Ser Val  
120 245 250 255  
121 Ala Gly Glu Tyr Gly Arg His Ser Leu Tyr Lys Met Leu Gly Tyr Phe  
122 260 265 270  
123 Ser Leu Val Gly Leu Leu Arg Leu His Ser Leu Leu Gly Asp Tyr Tyr  
124 275 280 285  
125 Gln Ala Ile Lys Val Leu Glu Asn Ile Glu Leu Asn Lys Lys Ser Met  
126 290 295 300  
127 Tyr Ser Arg Val Pro Glu Cys Gln Val Thr Thr Tyr Tyr Tyr Val Gly  
128 305 310 315 320  
129 Phe Ala Tyr Leu Met Met Arg Arg Tyr Gln Asp Ala Ile Arg Val Phe  
130 325 330 335  
131 Ala Asn Ile Leu Leu Tyr Ile Gln Arg Thr Lys Ser Met Phe Gln Arg  
132 340 345 350  
133 Thr Thr Tyr Lys Tyr Glu Met Ile Asn Lys Gln Asn Glu Gln Met His  
134 355 360 365  
135 Ala Leu Leu Ala Ile Ala Leu Thr Met Tyr Pro Met Arg Ile Asp Glu  
136 370 375 380  
137 Ser Ile His Leu Gln Leu Arg Glu Lys Tyr Gly Asp Lys Met Leu Arg  
138 385 390 395 400  
139 Met Gln Lys Gly Asp Pro Gln Val Tyr Glu Glu Leu Phe Ser Tyr Ser  
140 405 410 415  
141 Cys Pro Lys Phe Leu Ser Pro Val Val Pro Asn Tyr Asp Asn Val His  
142 420 425 430  
143 Pro Asn Tyr His Lys Glu Pro Phe Leu Gln Gln Leu Lys Val Phe Ser  
144 435 440 445  
145 Asp Glu Val Gln Gln Ala Gln Leu Ser Thr Ile Arg Ser Phe Leu  
146 450 455 460  
147 Lys Leu Tyr Thr Thr Met Pro Val Ala Lys Leu Ala Gly Phe Leu Asp  
148 465 470 475 480  
149 Leu Thr Glu Gln Glu Phe Arg Ile Gln Leu Leu Val Phe Lys His Lys  
150 485 490 495  
151 Met Lys Asn Leu Val Trp Thr Ser Gly Ile Ser Ala Leu Asp Gly Glu  
152 500 505 510  
153 Phe Gln Ser Ala Ser Glu Val Asp Phe Tyr Ile Asp Lys Asp Met Ile  
154 515 520 525  
155 His Ile Ala Asp Thr Lys Val Ala Arg Arg Tyr Gly Asp Phe Phe Ile  
156 530 535 540  
157 Arg Gln Ile His Lys Phe Glu Glu Leu Asn Arg Thr Leu Lys Lys Met  
158 545 550 555 560  
159 Gly Gln Arg Pro

Input Set : A:\pf0559usn\_seqlist.txt  
Output Set: N:\CRF4\04032003\I743752A.raw

162 <210> SEQ ID NO: 3  
163 <211> LENGTH: 1280  
164 <212> TYPE: DNA  
165 <213> ORGANISM: HOMO SAPIENS  
167 <220> FEATURE:  
168 <221> NAME/KEY: misc\_feature  
169 <223> OTHER INFORMATION: Incyte Clone No: 1240869  
172 <400> SEQUENCE: 3  
173 gagtggAACc cagaCTtgct ggtctgatcc atgcacatgg ccaggctgtc aggccTctgt 60  
174 gcctggcac ggaagtccgt gcggatggcc agctccagga tgaccgcgc ggaccgcctc 120  
175 acaaataagg tggccctggt aacggcctcc accgacggga tcggcttcgc catcgcccgg 180  
176 cgTTTggccc aggacaggGC ccacgtggtc gtcaGcagcc ggaAGcagca gaATgtggac 240  
177 caggcggTgg ccacgctgca gggggaggGG ctgagcgtga cgggcaccgt gtGccatgtg 300  
178 gggaaaggcgg aggacggga gcggctggT gccaGggctg tgaagcttca tggaggtatC 360  
179 gatatcctag tctcaatgc tgctgtcaac ctttctttg gaagcataat ggatgtcaCT 420  
180 gaggaggtgt gggacaAGAC tctggacatt aatgtgaagg ccccagccct gatgacaaAG 480  
181 gcagtggTgc cagaaatggA gaaacgagga ggcggctcAg tggtgatcgt gtcttcata 540  
182 gcagccttca gtccatctcc tggcttcagt ctttacaatg tcagtaaaAC agccttgctg 600  
183 ggcctcaaca ataccctggc catagagctg gccccaaAGGA acattaggGT gaactgccta 660  
184 gcacctggac ttatcaagac tagcttcAGC agatgtctc ggatggacAA ggaaaaAGAG 720  
185 gaaAGcatga aaaaACCCt gcggataAga agtttaggcg agccAGAGGA ttgtgctggc 780  
186 atcgtgtctt tcctgtgctc tgaAGatGCC agctacatCA ctggggAAAC atgtggTggT 840  
187 ggtggaggAA ccccgTcccG cctctgagga ccgggAGACA gcccacAGGC cagagtggg 900  
188 ctctagctcc tggTgctgtt cctgcattca cccactggcc tttcccacct ctgctcacct 960  
189 tactgttCAC ctcatCAAAt cagttctgcc ctgtggAAAAG atccagcTT ccctggcgTC 1020  
190 aaggTggcgt cttaCTcgGgG attcctgtc ttgttgTggc cttgggtAAA ggcctccct 1080  
191 gagaACACAG gacaggcctg ctgacaAGGC tgagtctacc ttggcaaAGA ccaAGatAtt 1140  
192 tttcctggg ccactggggA atctgaggGG tgatggaga gaagGAACCT ggagtggAAG 1200  
193 gacAGAGTT gcaAAtttaAC aacttgcaAA tgaggTgcaA ataaaatgca gatgattgcg 1260  
194 cggctttgaa aaaaaaaaaa 1280  
196 <210> SEQ ID NO: 4  
197 <211> LENGTH: 1894  
198 <212> TYPE: DNA  
199 <213> ORGANISM: HOMO SAPIENS  
201 <220> FEATURE:  
202 <221> NAME/KEY: misc\_feature  
203 <223> OTHER INFORMATION: Incyte Clone No: 2060002  
205 <400> SEQUENCE: 4  
206 ctgcAAGCG aggcaGCCat gtcttatccc gctgatgatt atgagtctga ggcggcttat 60  
207 gaccCCTACG cttaTcccAG cgactatgat atgcacacAG gagatccAA gcaGGACCT 120  
208 gcttatgaac gtcagtgatGA acagcaaAcc tatcaggtGA tccctgaggT gatcaAAAC 180  
209 ttcatccAGt attccacAA aactgtctca gatttGATTG accAGAAAGT gtatgagCTA 240  
210 caggccAGTC gtgtctccAG tgatgtcatt gaccAGAAGG tgatgagat ccaggacATC 300  
211 tatgagaaca gctggaccaa gctgactgaa agattcttca agaatacAcc ttggcccGAG 360  
212 gctgaAGCCA ttgtctccaca ggttggcaat gatgctgtct tcctgatTTT atacaAAGAA 420  
213 ttatactaca ggcacatata tgccaaAGTC atgGGGGGAc ttcccttggA gcAGAGGTT 480  
214 gaatcctatt acaactactg caatcttCtC aactacattC ttaatGCCGA tggTcTGTcT 540  
215 ccccttgaac taccCAACCA gtggctctgg gatattatcg atgaggTcat ctaccAGTT 600  
216 cagtcatTCa gtcagtaccG ctgtAAAGACT gccaAGAAGT cAGAGGAGGA gattgactt 660

Input Set : A:\pf0559usn\_seqlist.txt  
Output Set: N:\CRF4\04032003\I743752A.raw

217	cttcgttcca atccaaaat ctggaatgtt catagtgtcc tcaatgtcct tcattccctg	720
218	gtagacaaat ccaacatcaa ccgacagtgc gaggtataca caagcgagg tgaccctgag	780
219	agtgtggctg gggagtttgc gcccactcc ctctacaaa tgcttggtt cttcagcctg	840
220	gtcgggcttc tccgcctgca ctccctgtta ggagattact accaggccat caaggtgtc	900
221	gagaacatcg aactgaacaa gaagagtatg tattccgtg tgccagatgc ccaggtcacc	960
222	acatactatt atttgggtt tgcatttttgc tgcattttgc ttaccaggatg tgccatccgg	1020
223	gtcttcgcca acatcctcct ctacatccag aggaccaaga gcatgttca gaggaccacg	1080
224	tacaagtatg agatgattaa caagcagaat gagcagatgc atgcgtcgt gcccattgcc	1140
225	ctcacatgtt accccatgcg tattcgatgag agcattcacc tccagtcgc ggagaaatat	1200
226	ggggacaaga ttttgcgcgc gcagaaaggt gacccacaag tctatgaaga acttttcagt	1260
227	tactcctgccc ccaagttcct gtcgcctgtt gtgcgcact atgataatgt gcaccccaac	1320
228	taccacaaag agcccttcct gcagcagctg aaggtgtttt ctgatgaagt acagcagcag	1380
229	gccccagctt caaccatccg cagtttcttgc aagctctaca ccaccatgcc ttggccaag	1440
230	ctggctggct tcctggacct cacagagcag gagttccggatcc tccagcttct tgccttcaaa	1500
231	cacaagatga agaacctcggtt gttatctcgatcc ccttggatgg tgaatttcag	1560
232	tcagcctcag aggttgcatttcttgc ttttttttttttgc aacaaatttgc ggagcttaat	1620
233	gtcgccaggc gttatggggatcc ttttttttttttgc aacaaatttgc ggagcttaat	1680
234	cgaaccctgaa agaagatggg acagagacct ttttttttttttgc aacaaatttgc ggagcttaat	1740
235	tttttgc ttttttttttttgc aacaaatttgc ggagcttaat	1800
236	catcagcctgtt ttttttttttttgc aacaaatttgc ggagcttaat	1860
237	aaaggatctt ttttttttttttgc aacaaatttgc ggagcttaat	1894

239 <210> SEQ ID NO: 5

240 <211> LENGTH: 280

241 <212> TYPE: PRT

242 <213> ORGANISM: HOMO SAPIENS

244 <220> FEATURE:

245 <221> NAME/KEY: misc\_feature

246 <223> OTHER INFORMATION: GENBANK ID: g1079566

248 <400> SEQUENCE: 5

249	Met Leu Ser Ala Val Ala Arg Gly Tyr Gln Gly Trp Phe His Pro Cys	
250	1 5 10 15	
251	Ala Arg Leu Ser Val Arg Met Ser Ser Thr Gly Ile Asp Arg Lys Gly	
252	20 25 30	
253	Val Leu Ala Asn Arg Val Ala Val Val Thr Gly Ser Thr Ser Gly Ile	
254	35 40 45	
255	Gly Phe Ala Ile Ala Arg Arg Leu Ala Arg Asp Gly Ala His Val Val	
256	50 55 60	
257	Ile Ser Ser Arg Lys Gln Gln Asn Val Asp Arg Ala Met Ala Lys Leu	
258	65 70 75 80	
259	Gln Gly Glu Gly Leu Ser Val Ala Gly Ile Val Cys His Val Gly Lys	
260	85 90 95	
261	Ala Glu Asp Arg Glu Gln Leu Val Ala Lys Ala Leu Glu His Cys Gly	
262	100 105 110	
263	Gly Val Asp Phe Leu Val Cys Ser Ala Gly Val Asn Pro Leu Val Gly	
264	115 120 125	
265	Ser Thr Leu Gly Thr Ser Glu Gln Ile Trp Asp Lys Ile Leu Ser Val	
266	130 135 140	
267	Asn Val Lys Ser Pro Ala Leu Leu Leu Ser Gln Leu Leu Pro Tyr Met	
268	145 150 155 160	

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/743,752A

DATE: 04/03/2003

TIME: 14:25:12

Input Set : A:\pf0559usn\_seqlist.txt  
Output Set: N:\CRF4\04032003\I743752A.raw

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date